



Fieldbook Report

02/09/2006 08:14:53

Job Information

Job name: 0511283
Created: 11/16/2005 09:33:15
Time zone: 1h 00'
Coordinate system name: SIGrdec1
Application software: LEICA Geo Office 2.0
Firmware version: 2.14
Average limit (Position): 0.0750 m
Average limit (Height): 0.0750 m

Coordinate System Information

Coordinate system name: SIGrdec1
Created: 02/02/2006 07:02:45
Transformation name: SIGrdec1
Transformation type: Classical 3D
Height mode: Orthometric
Residuals: No distribution
Local Ellipsoid: Bessel 1841
Projection: SLO Gauss-Krueger 1
Geoid model: -
CSCS model: -

Transformation details

3D-Helmert transformation

Number of common points: 7
Transformation model: Bursa-Wolf

No.	Parameter	Value
1	Shift dX	-257.8864 m
2	Shift dY	-352.2736 m
3	Shift dZ	-638.2393 m
4	Rotation about X	9.35755 "
5	Rotation about Y	12.44385 "
6	Rotation about Z	-17.30089 "
7	Scale	-8.7372 ppm

Residuals

Cartesian:

System A	System B	Point type	dX [m]	dY [m]	dZ [m]
300147	300147	Position + height	0.0366 m	0.0247 m	-0.0305 m
400152	400152	Position + height	0.0152 m	-0.0057 m	-0.0255 m
400307	400307	Position + height	-0.0497 m	0.0124 m	-0.0128 m
500001	500001	Position + height	0.0065 m	-0.0336 m	0.0293 m
500007	500007	Position + height	-0.0210 m	-0.0109 m	0.0128 m
500044	500044	Position + height	-0.0238 m	-0.0220 m	0.0241 m
500046	500046	Position + height	0.0362 m	0.0351 m	0.0026 m

Grid:

System A	System B	Point type	dE [m]	dN [m]	dHgt [m]
300147	300147	Position + height	0.0143 m	-0.0513 m	0.0067 m
400152	400152	Position + height	-0.0094 m	-0.0271 m	-0.0095 m
400307	400307	Position + height	0.0249 m	0.0237 m	-0.0401 m
500001	500001	Position + height	-0.0341 m	0.0219 m	0.0196 m
500007	500007	Position + height	-0.0051 m	0.0256 m	-0.0067 m
500044	500044	Position + height	-0.0150 m	0.0374 m	-0.0023 m
500046	500046	Position + height	0.0245 m	-0.0302 m	0.0322 m

List of identical points

System A:

WGS 84 Cartesian:

	X [m]	Y [m]	Z [m]
300147	4246888.2161	1145025.0058	4603982.8436
400152	4246840.6100	1143400.9382	4604435.2991
400307	4244459.1050	1143366.6511	4606562.9804
500001	4245943.4002	1144959.9778	4604871.5336
500007	4246889.9600	1146539.2963	4603625.7299
500044	4244955.6327	1144557.4357	4605852.4006
500046	4244305.1948	1142737.9932	4606850.6119

Local Grid (Transf.):

	Easting [m]	Northing [m]	Hgt [m]
300147	507201.4444	150609.5188	424.0737
400152	505645.2906	151259.0829	429.8706
400307	506228.4248	154398.2237	385.0900
500001	507383.1059	151895.2319	429.1696
500007	508663.4249	150078.3056	437.6933
500044	507249.9449	153337.8273	412.4277
500046	505661.1145	154821.9998	379.1692

System B:

Local Cartesian:

	X [m]	Y [m]	Z [m]
300147	4246219.3561	1145227.7537	4603508.6606
400152	4246171.8808	1143603.7473	4603961.1781
400307	4243790.3360	1143569.3391	4606088.6859
500001	4245274.5305	1145162.7456	4604397.2290
500007	4246221.0522	1146742.0506	4603151.4382
500044	4244286.7764	1144760.1571	4605378.0514
500046	4243636.3766	1142940.6642	4606376.3188

Local Grid:

	Easting [m]	Northing [m]	Hgt [m]
300147	507201.4300	150609.5700	424.0670
400152	505645.3000	151259.1100	429.8800
400307	506228.4000	154398.2000	385.1300
500001	507383.1400	151895.2100	429.1500
500007	508663.4300	150078.2800	437.7000
500044	507249.9600	153337.7900	412.4300
500046	505661.0900	154822.0300	379.1370